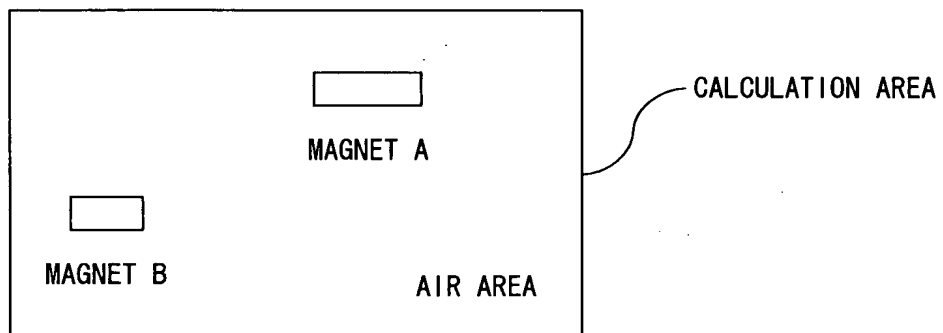
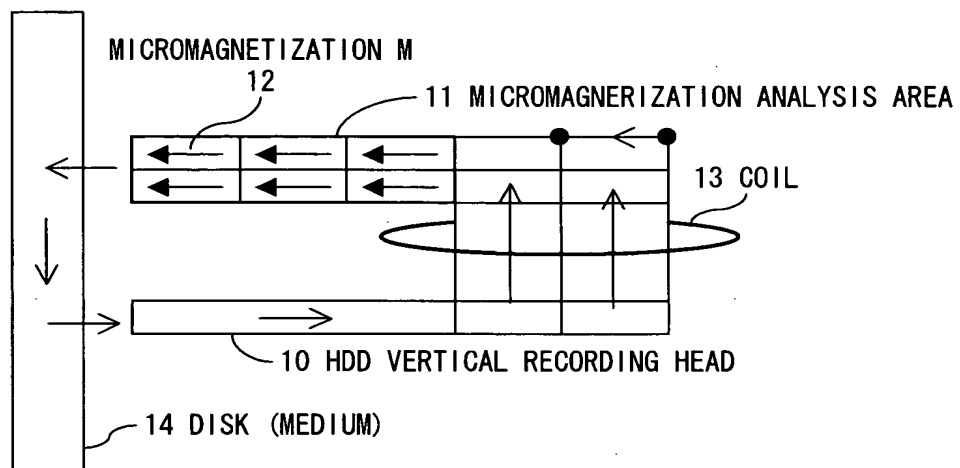


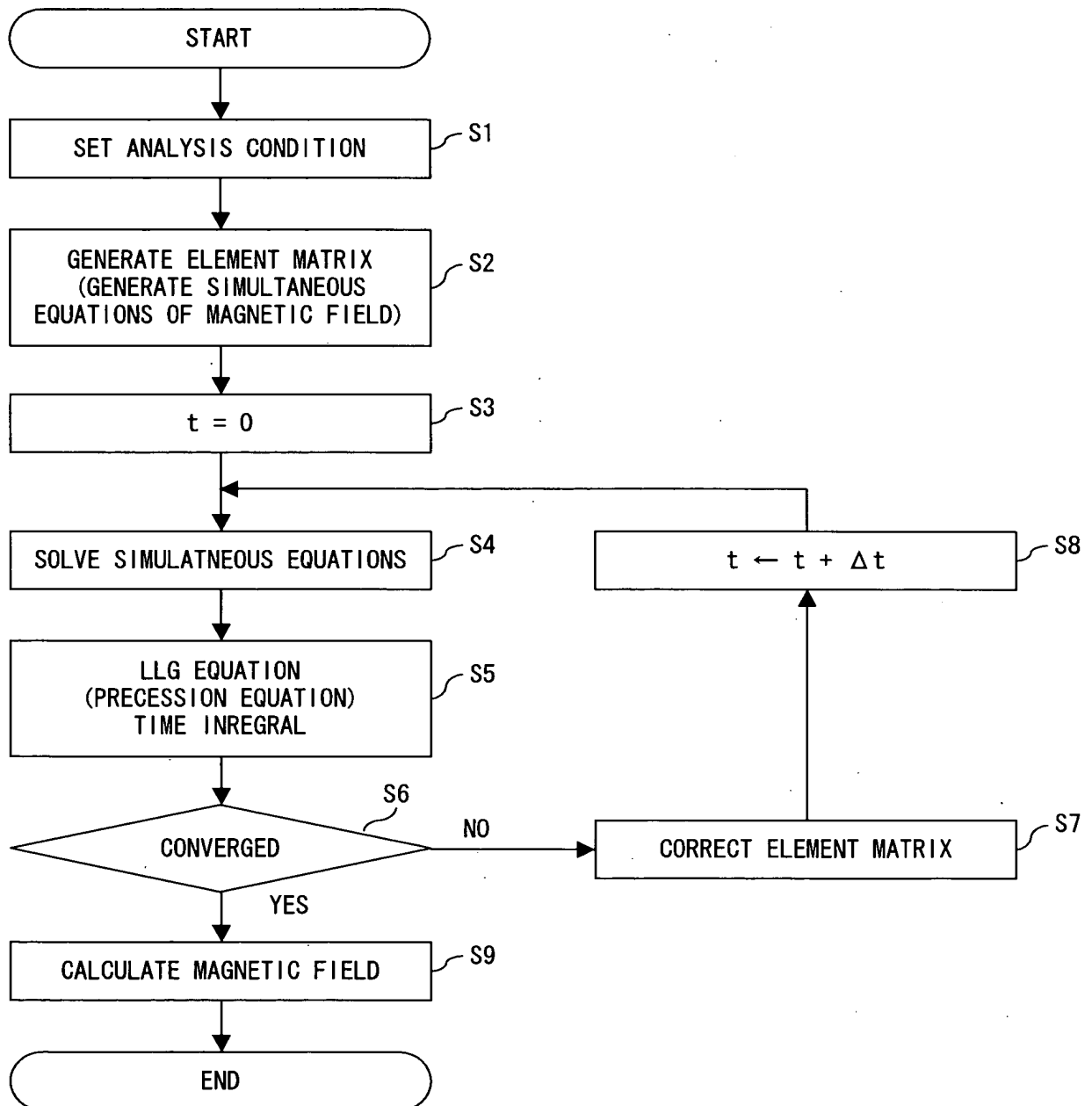
FIG. 1



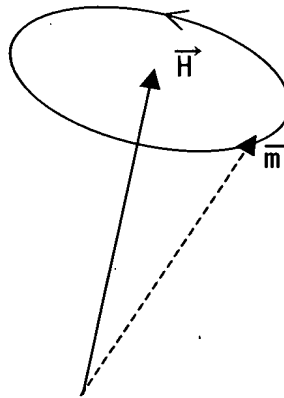
F I G. 2



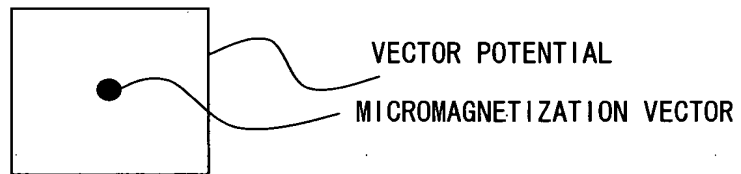
F I G. 3



F I G. 4



F I G. 5



F I G. 6

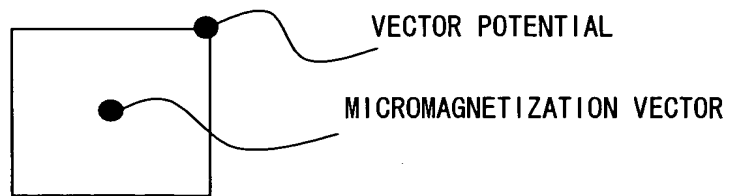
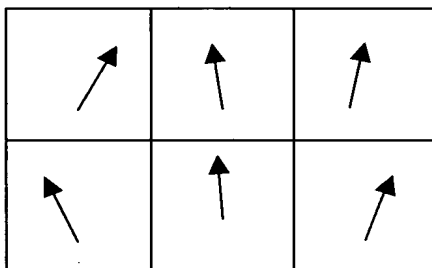


FIG. 7



F I G. 8

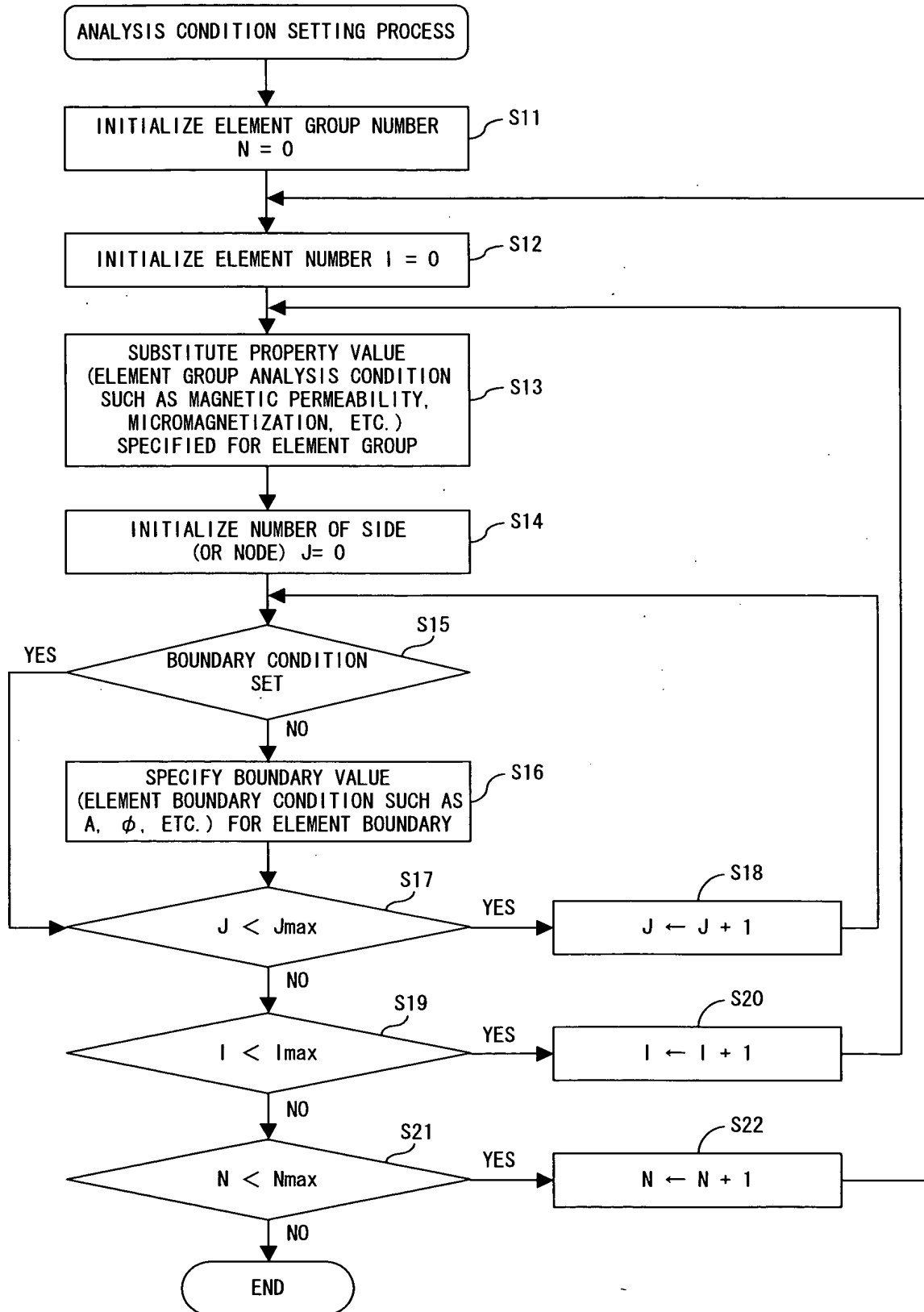
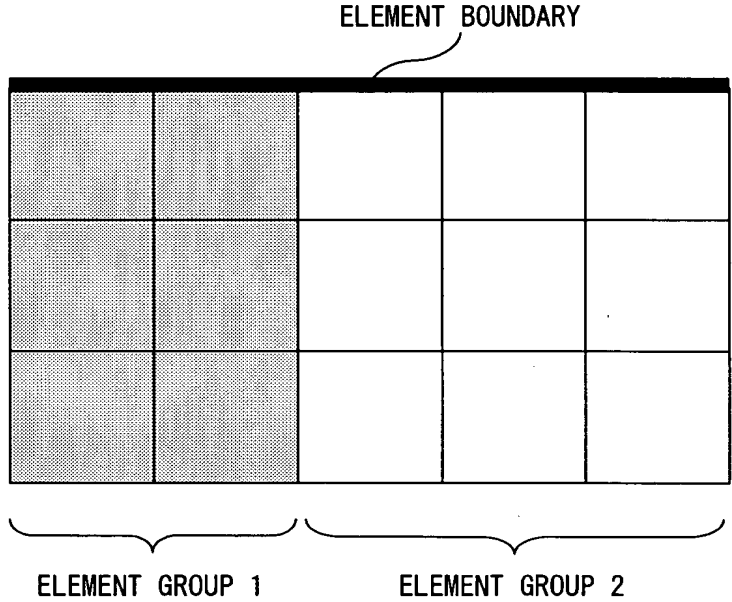


FIG. 9



F I G. 1 0

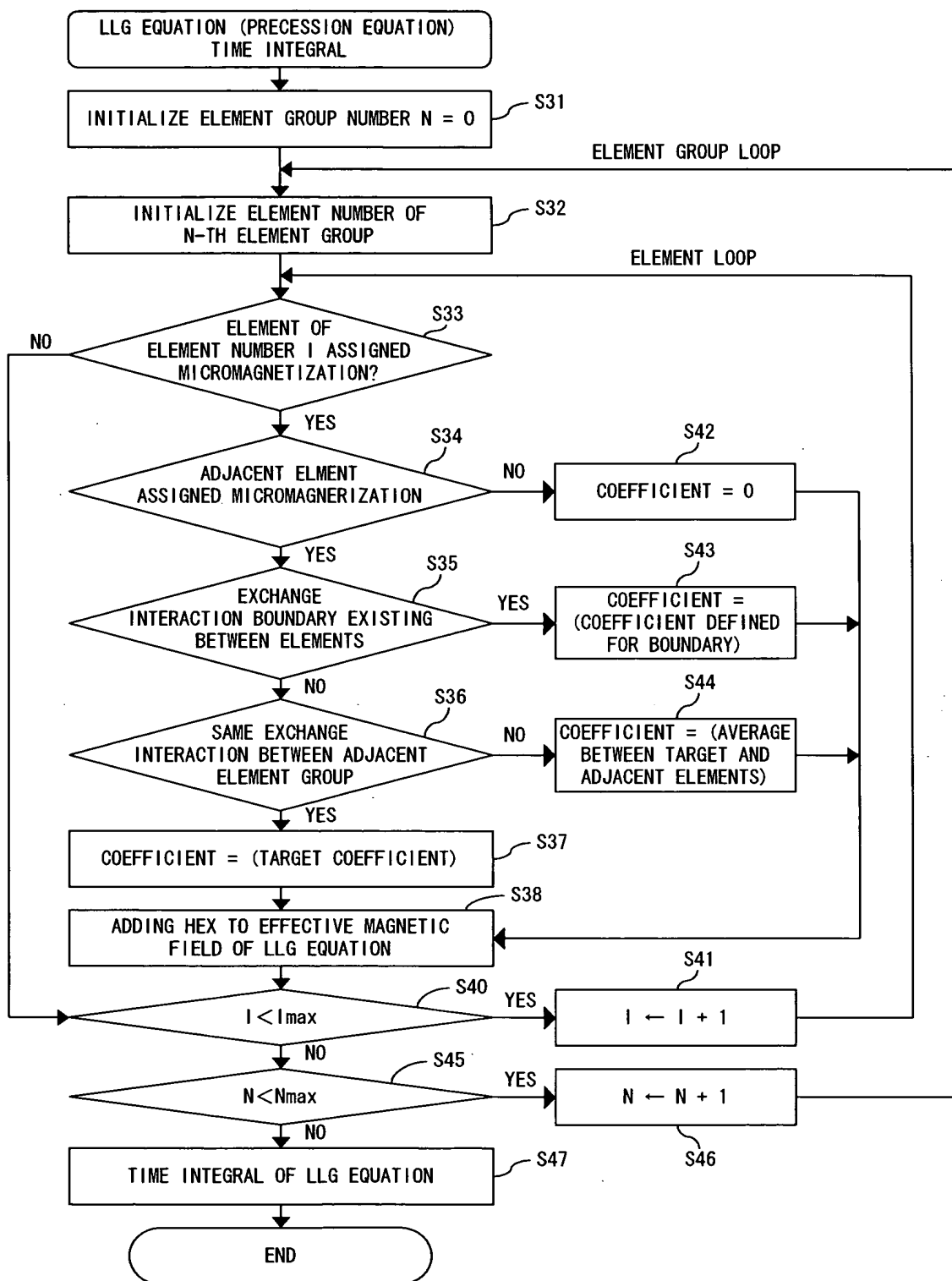
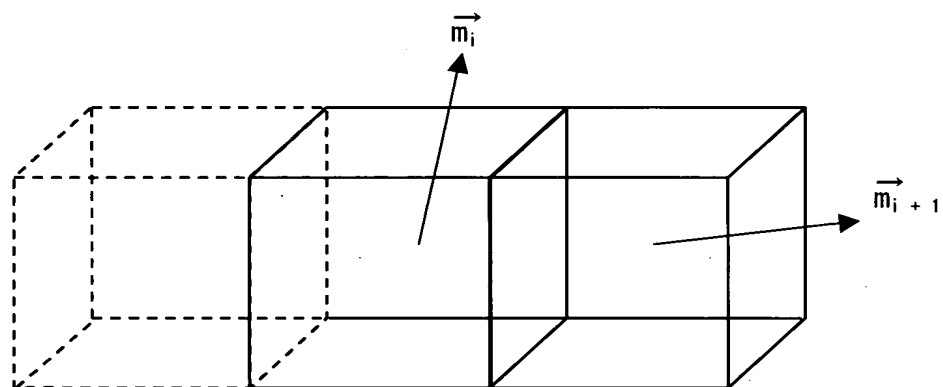
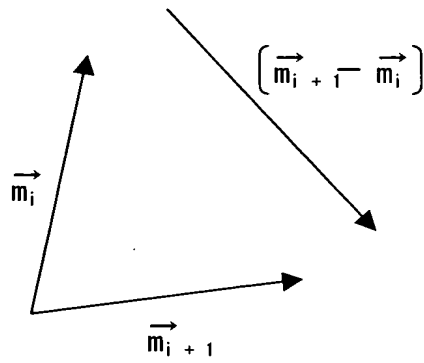


FIG. 11



F I G. 1 2



F I G. 1 3

101

No = 2

102

NAME = US

103

NO SETTINGS

AIR

CONDUTOR

MAGNETIC SUBSTANCE

MICROMAGNETIZATION

104

EXCITING CURRENT

NONLINEARITY

MAGNETIZATION

QUASISTATIONARY MAGNETIZATION FIXING

105

MAGNETIC PERMEABILITY

1.000E+00

DIELECTRIC CONSTANT (1/Ωm)

1.000E+00

MAGNETIZATION INTENSITY (T)

0.000E+00

MAGNETIZATION X-COMPONENT

0.000E+00

MAGNETIZATION Y-COMPONENT

0.000E+00

MAGNETIZATION Z-COMPONENT

0.000E+00

ID FOR QUASISTATIONARY CALCULATION

0

NUMBER OF DIVISIONS OF MAGNETIZATION INTENSITY

0

106

FACILITY AXIS DIRECTION

RANDOM

ARRAY

3-DIMENSIONAL

ON X-Y PLANE

ON Y-Z PLANE

ON Z-X PLANE

107

X COMPONENT

1.000E+00

Y COMPONENT

0.000E+00

Z COMPONENT

0.000E+00

RANDOM RATIO

0.000E+00

108

BONS DILM

BOND ELEMENT

GROUP CONNECTING LAYERS USING EXCHANGE BOND

Hexc (erg/cm2)

Hin, Hua (Oe)

0.000E+00

109

MAGNETIZATION VARIABLE

FACILITY AXISMAGNERIC FIELD (Oe)

5.000E+00

MAGNETIZATION INTENSITY (T)

1.000E+00

EXCHANGE COEFFICIENT (J/M)

10.00E-12

FRICTION COEFFICIENT

1.000E+00

110

MAGNETIZATION

FORCIBLE

FORCED

X COMPONENT

1.000E+00

Y COMPONENT

0.000E+00

Z COMPONENT

0.000E+00

111

FEATURES OF MAGNETIC FILM

TYPE

FREE

X COMPONENT

0.000E+00

Y COMPONENT

0.000E+00

Z COMPONENT

0.000E+00

112

OK

CANNCELED

FIG. 14

SETTING BOUNDARY CONDITION (MICROMAGNETIZATION ANALYSIS)

No = NAME =

119 {

BOUNDARY FOR MAGNETIC FIELD CALCULATION

120 {

BOUNDARY FOR EXCITING CURRENT

121 {

EXCHANGE INTERACTION

EXCHANGE COEFFICIENT (J/m)

122 {

Ax =

Ay =

Az =

123 ϕ =

124 ϕ_m =

125 {

MAGNETIZATION VECTOR FIXING

ID FOR SEMI-STEADY CALCULATION

126

FIG. 15

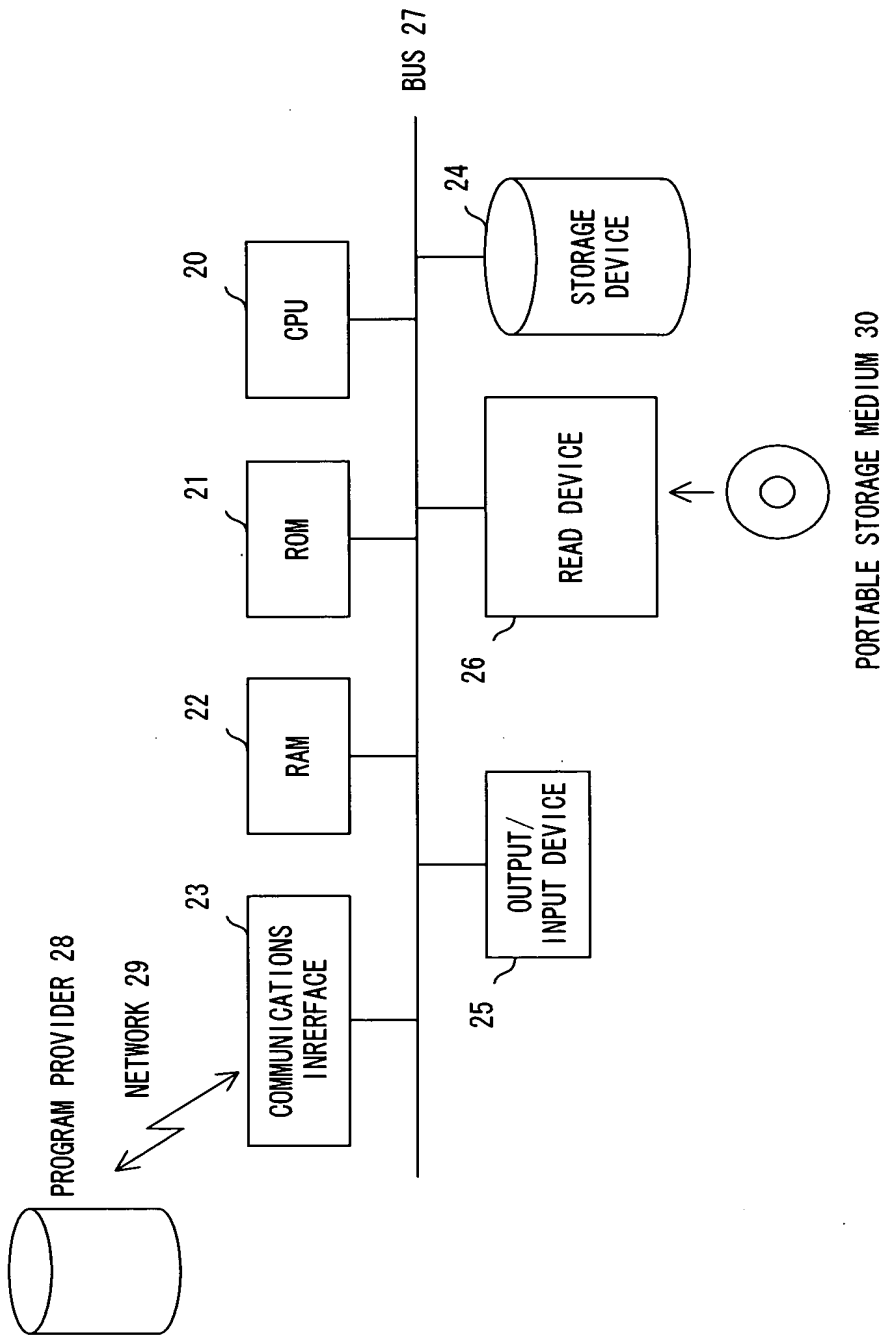


FIG. 16